



BJCH 10041
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Keith Hruska

Serial No. 09/454,334

Filed December 3, 1999

Confirmation No. 3598

For ACTIVATED CATION CHANNEL OF THE OSTEOBLAST AS A MECHANISM
OF BONE ANABOLISM

Examiner Janet M. Kerr

Art Unit 1632

March 28, 2001

AMENDMENT A

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR:

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In response to the Office action mailed on September 28, 2000, Applicant
requests the Examiner consider the following amendment and remarks.

Amendment

In the Specification:

Please replace the second paragraph of the application with the following:

A1
"This application claims benefit of priority to provisional application serial number 60/110,932, filed 12/05/98, and to provisional application serial number 60/111,676, filed 12/10/98, the contents of which are herein incorporated by reference."

In the Claims:

Please cancel claims 3, 4, 6 and 9. Please substitute claims 1, 2, 5, 7, 8, 10 and 11 with the following:

A2
1. (amended) A transgenic non-human mammal comprising a nucleotide construct capable of enhanced expression of stretch-activated cation channel in osteoblasts relative to a wild-type littermate.

2. (amended) The mammal of claim 1 wherein the mammal is a murine.